Inspired by theater screens. Born from Sony® HD technology.

POWERFUL PC PERFORMACE

Enjoy the performance of an Intel® Core™ 2 Duo T6400 processor (2.0GHz[1]) with Intel® Centrino® processor technology.

The VAIO® FW notebook comes pre-installed with Genuine Microsoft® Windows Vista® Home Premium 64-bit[18] .

Built-in Wireless-N technology offers a boost in wireless connection speed and range[3] .

INSPIRED BY THEATER SCREENS. BORN FROM SONY® HD TECHNOLOGY.

Fall in love with your favorite movies all over again with an extra-wide, theater inspired 16.4"[6] display (1600x900 resolution) using energy-efficient XBRITE-ECO™ LCD technology.

The 16:9 aspect ratio ensures that you won't miss an inch of the original picture from your favorite movie while also providing valuable extra workspace. Compare two documents or websites side-by-side without the hassle of having to tab back and forth.

An HDMI™ output provides single-cable full 1080p connectivity (audio and video) to a compatible HDTV (cable sold separately) [16] .

Broaden your entertainment horizons with the VAIO® FW notebook featuring an extra-wide 16.4"[6] XBRITE-ECO™ LCD display. Great for watching widescreen movies or viewing two websites side-by-side, this entertainment-rich notebook minimizes those annoying black bars you see when playing widescreen movies. Watch and record DVDs and get the most out of your games with an Intel® Core™ 2 Duo processor. An entertainment powerhouse, the VAIO® FW notebook is inspired by theater screens, born from Sony® HD expertise and powered by the energy-efficient and super-powerful Centrino® processor technology.

Specifications

Dimensions

Weight: 6.7 lbs[7] (with standard capacity battery)
Measurements: 15.1"(W) x 1.14 - 1.46"(H) x 10.3"(D)[7,8]

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S1, Volume - / +, Play / Pause, Stop, Rewind, Forward, A / V Mode, WLAN / Bluetooth® on / off
Pointing Device: Electro-static touch pad

Hardware

Keyboard: QWERTY, 86 keys, 19.05 mm pitch, 2 mm stroke
Camera: Built-in 1.3 MP MOTION EYE® camera and microphone

Processor

Type: Intel® Core™ 2 Duo processor T6400
Speed: 2.0GHz[1]
Front Side Bus Speed: 800MHz
L2 Cache: 2MB
Technology: Intel® Centrino® processor technology

Memory

Installed: 4GB PC2-6400 (2GBx2)
Maximum: 8GB
Type/Speed: DDR2/800MHz

Hard Drive

Capacity: 320GB[2]
Speed: 5400rpm
Type: Serial ATA

Display

Screen Size: 16.4"[6]
Resolution: 1600 x 900
XBRITE-ECO™ Technology: Yes

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media slot with MagicGate® functionality
One ExpressCard® /34 media slot
One Secure Digital (SD memory card) media slot

Audio

Sound System: Dolby Sound Room® Audio

Graphics

Processor: Mobile Intel® Graphics Media Accelerator 4500MHD with Intel® Clear Video Technology. Total Available Graphics Memory: 1759MB (max.)[10]
Chipset: Mobile Intel® GM45 Express Chipset
Max. External Resolution via VGA: 2048x1536
Max. External Display Resolution via HDMI™: 1920x1080

Inputs and Outputs

Modem Jack: 1
Headphone Output(s): 1
Ethernet Connection (s): 1
HDMI™ Output: 1[16]

Power

Battery Type: Standard Capacity Lithium-ion Battery (VGP-BPS13/S)
Estimated Battery Life: 2.5 to 5.5 hours[14] Standard Capacity Battery
3.5 to 8.0 hours[14] Large Capacity Battery
Power Requirements: 86W + 10%
Input Voltage: 100-240V

Software

Operating System: Genuine Microsoft® Windows Vista® Home Premium 64-bit[18]
Supplied Software: Microsoft® Works SE 9.0 w/ 60-Day Trial Version of Microsoft® Office Home and Student 2007[13]
VAIO® Multimedia Suite: VAIO® Startup Assistant
Click to Disc Editor - Import, Edit, Burn
VAIO® Movie Story - Simple Movie Creation
VAIO® MusicBox - Music by Mood
VAIO® Media plus - Multimedia Streaming Software
*Please access VAIO® Help and Support from your PC for a complete list of software applications and trials.
Anti-Virus Software: Microsoft® Windows Live™ OneCare™ Trial Version[15]

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[12] .
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO
Limited Warranty Term: 1 year limited warranty[11] . See actual warranty for details.

Environmental Information

EPEAT™: Silver
RoHS®: Compliant
For more information:
www.sony.com/vaioeco
ENERGY STAR®: 4.0

Optical Drive

BD-R Read: 2x max
BD-RE DL Read: 2x max
BD-RE Read: 2x max
BD-ROM Read: 2x max
Blu-ray Disc™ Support: Ready Only (BD-ROM)[4]
CD Support: Read / Write (CD/-R/-RW)
DVD Support: Read / Write (DVD±R/±RW/±R DL/-RAM)

Wireless/Networking

Ethernet Protocol: 10Base-T/100Base-TX/1000Base-T (Gigabit)
Ethernet Speed: Fast Ethernet (RJ-45)
Wi-Fi: Intel® WiFi Link 5100AGN (802.11a/b/g/n)[3]
Bluetooth® Technology: Integrated Stereo A2DP Bluetooth® Technology (2.1 + EDR)[5]
Modem Type: Integrated V.92/V.90 Modem (RJ-11)

Supplied Accessories

Power Cord
Stick AC Adapter (VGP-AC19V21)
AC Adapter (VGP-AC19V25)
USB Port Replicator (VGP-UPR1)
Neoprene Case (VGP-AMC7)
Ladies Leather Tote (VGP-AML4)
Sport Messenger Bag (VGP-AMB10)
Bluetooth Laser Mouse[18] (VGP-BMS33/S)

Other

Color: Black
UPC Code: 27242761339

Footnotes

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
2. GB means one billion bytes when referring to hard drive capacity. TB means one trillion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
3. Requires 802.11n compatible access point. Some functionality may require Internet services.
4. Certain circumstances may limit/prevent Blu-ray Disc™ media playback. For optimal performance, download all updates from http://esupport.sony.com/EN/DRIVERS.
5. Interoperability and compatibility among Bluetooth® devices varies.
6. Viewable area measured diagonally.
7. Non-metric weights and measures are approximate and may vary.
8. Measured at the narrowest point
9. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
10. Total Available Graphics Memory refers to the new Windows Vista® classification of graphics memory, which varies depending on the operating condition, version of device driver and system memory size.
11. See actual limited warranty for details. For a copy of Sony's warranty, please visit www.esupport.sony.com, call toll-free 888-476-6972 (888-4SONYPC), or write to Sony Electronics, 12451 Gateway Boulevard, Fort Myers, FL 33913.
12. For certain third party software applications, Sony provides first level phone support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
13. 60-Day Trial Version of Microsoft® Office 2007 - This trial software will work only for 60 days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 60-day trial period, you must convert to the perpetual version. You can convert online by following the conversion instructions presented during setup and paying the required fees.
14. Actual battery life may vary based on product settings, usage patterns and environmental conditions. Battery life will be shorter with models equipped with Instant Mode features.
15. This trial software will work for ninety (90) days after you first use it. You will not be able to use the software if you do not activate it as described the first time you use the software. You can activate the software by Internet: Internet service charges may apply. If you want to keep using the software after the 90-day trial period, you must buy a subscription. You can subscribe online by following the conversion instructions presented during setup and paying the required fees.
16. Requires high definition-capable display with HDMI™ connector. Image quality will vary.
17. Broadband Internet service required along with third party services which may require a subscription or other service fee.
18. Compatibility and performance in a 64 bit environment may vary. Check with the manufacturer of your software or accessory to ensure you have the latest updates.

Computer Interface: For this product,there are a multitude of varying software packages and add-on hardware options. This product is not manufactured to work with any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned here. Sony hereby disclaims any representations or warranties that this product is compatible with any combination of non-Sony products you may choose to connect to it. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony computer are subject to change without notice. Preinstalled software may not be identical to retail versions or have all documentation. Features and specifications are subject to change without notice.
Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).
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